

#3 / I.D.S.

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JCS80 U.S. PTO
10/002491
11/15/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Brett P. Monia et al.

Serial No.: Not yet assigned Group No.: Not yet assigned

Filed: herewith

For: **Antisense Modulation of FXR Expression**

BOX SEQUENCE

Assistant Commissioner for Patents
Washington DC 20231

INFORMATION DISCLOSURE STATEMENT


Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above identified application, no additional fee is required.

Copies of each of the references listed on the attached Form PTO-1449 are enclosed.

Date: November 14, 2001

Respectfully submitted,


Donna T. Ward
Registration No. 48,271

ISIS PHARMACEUTICALS, INC.
Carlsbad Research Center
2292 Faraday Avenue
Carlsbad, CA 92008

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Form PTO-1449 Modified		Docket No. RTS-0239	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Brett P. Monia et al.	
		Filing Date herewith	Group
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Forman et al., Identification of a nuclear receptor that is activated by farnesol metabolites, Cell, 1995, 81:687-693	
	AB	Kliwer et al., Orphan nuclear receptors: shifting endocrinology into reverse, Science, 1999, 284:757-760	
	AC	Maloney et al., Identification of a chemical tool for the orphan nuclear receptor FXR, J. Med. Chem., 2000, 43:2971-2974	
	AD	Parks et al., Bile acids: natural ligands for an orphan nuclear receptor, Science, 1999, 284:1365-1368	
	AE	Tu et al., FXR, a bile acid receptor and biological sensor, Trends Cardiovasc. Med., 2000, 10:30-35	
	AF	Walters, Bile acids are physiological ligands for a nuclear receptor, Gut, 2000, 46:308-309	
EXAMINER		DATE CONSIDERED	

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Form PTO-1449 Modified	Docket No. RTS-0239	Serial No.
List of Patents and Publications Cited by Application (Use several sheets if necessary)	Applicant Brett P. Monia et al.	
U.S. Department of Commerce Patent and Trademark Office	Filing Date	Group

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass
	AA	6,005,086	12/21/1999	Evans et al.	536	23.1
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					
	AX					

EXAMINER

DATE CONSIDERED